



CONSTRUCTION EQUIPMENT

G07478 VOLVO EC380 314211 - HYDRAULIC SYSTEM



Sample No: VCP409829
Oil Type: NOT GIVEN
Job No: G07478



HOFFMAN EQUIPMENT - DEPTFORD
 1330 HURFFVILLE ROAD
 DEPTFORD, NJ
 US 08096
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 T: (856)227-6400
 F: (856)227-0046



SAMPLE INFORMATION

Sample Number	VCP409829	---	---	---
Sample Date	07 Jul 2023	---	---	---
Machine Hours	4109	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.56	---	---	---



CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 24	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	933	---	---	---
Magnesium	ppm	22	---	---	---
Zinc	ppm	517	---	---	---
Phosphorus	ppm	459	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	22	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO8880
Unique No: 10552613
Signed: Don Baldrige
Report Date: 14 Jul 2023

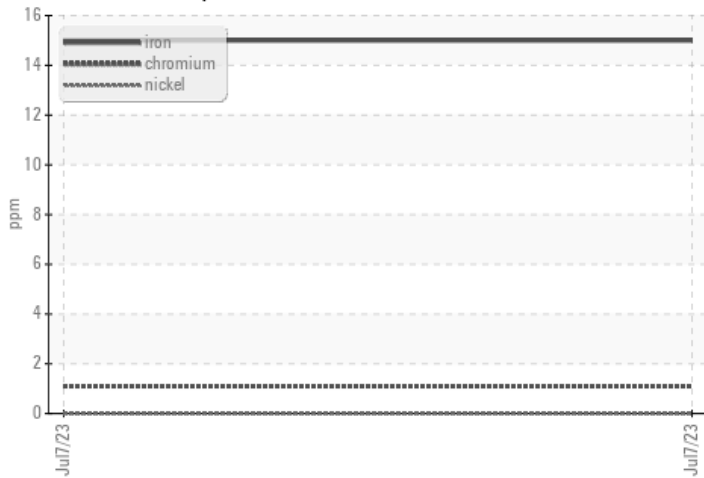


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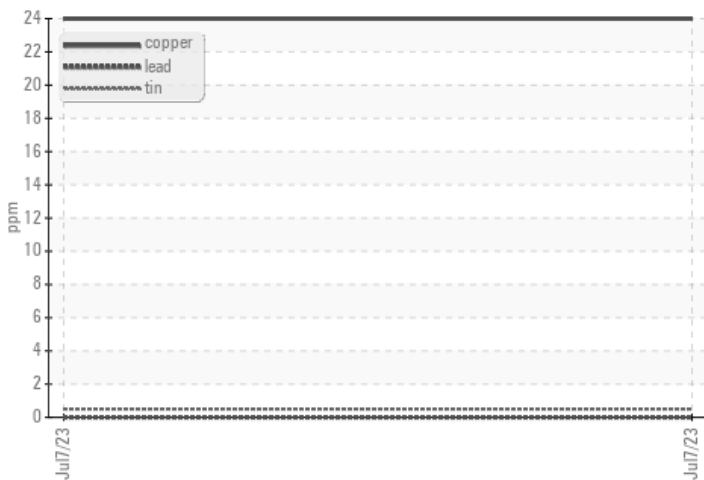


GRAPHS

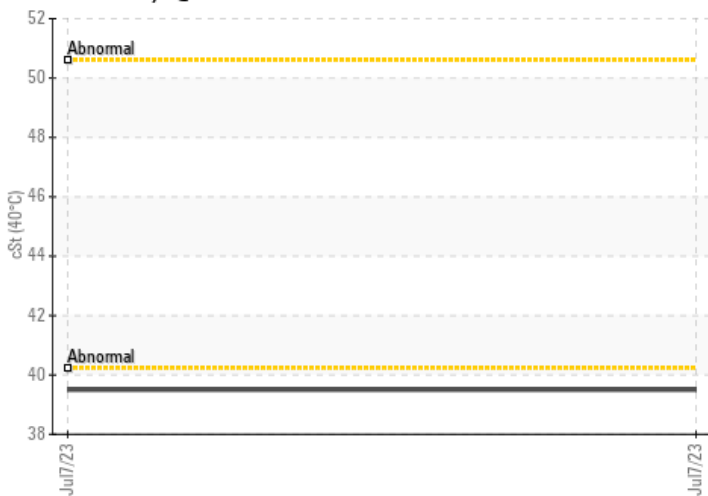
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

